

106TH CONGRESS  
1ST SESSION

# S. 1604

To amend the Elementary and Secondary Education Act of 1965, to reauthorize and make improvements with respect to certain teacher technology provisions, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

SEPTEMBER 21, 1999

Mr. BINGAMAN (for himself, Mrs. MURRAY, and Mr. COCHRAN) introduced the following bill; which was read twice and referred to the Committee on Health, Education, Labor, and Pensions

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## A BILL

To amend the Elementary and Secondary Education Act of 1965, to reauthorize and make improvements with respect to certain teacher technology provisions, and for other purposes.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

### 3   **SECTION 1. SHORT TITLE; REFERENCES.**

4       (a) **SHORT TITLE.**—This Act may be cited as the  
5       “Technology for Teaching Act”.

6       (b) **REFERENCES.**—Except as otherwise provided,  
7       whenever in this Act an amendment or repeal is expressed  
8       in terms of an amendment to, or repeal of, a section or

1 other provision, the reference shall be considered to be  
 2 made to a section or other provision of the Elementary  
 3 and Secondary Education Act of 1965 (20 U.S.C. 6301  
 4 et seq.).

## 5 **TITLE I—STRUCTURE**

### 6 **SEC. 101. STRUCTURE; REPEAL; REDESIGNATIONS; AU-** 7 **THORIZATION OF APPROPRIATIONS.**

8 (a) STRUCTURE.—Part A of title III (20 U.S.C. 6811  
 9 et seq.) is amended—

10 (1) by striking the part heading;

11 (2) by repealing subpart 4;

12 (3) by striking the subpart headings; and

13 (4) by inserting before section 3121 the fol-  
 14 lowing:

15 “PART A—FEDERAL LEADERSHIP AND NATIONAL  
 16 ACTIVITIES”.

17 (b) REPEAL.—Sections 3114, 3115, and 3123 (20  
 18 U.S.C. 6814, 6815, 6823) are repealed.

19 (c) REDESIGNATIONS.—Title III (20 U.S.C. 6801 et  
 20 seq.) is amended—

21 (1) by redesignating sections 3101, 3111, 3112,  
 22 3113, 3121, and 3122 as sections 3001, 3002, 3003,  
 23 3004, 3102, and 3103, respectively;

1           (2) by inserting immediately before section  
2       3102 (as redesignated by paragraph (1)) the fol-  
3       lowing:

4       **“SEC. 3101. NATIONAL EVALUATION OF EDUCATION TECH-**  
5               **NOLOGY.**

6       “(a) NATIONAL EVALUATION.—

7           “(1) IN GENERAL.—In order to better inform  
8       the Federal role in supporting the use of educational  
9       technology, in stimulating reform and innovation in  
10      teaching and learning with technology, and in ad-  
11      vancing the development of more advanced and new  
12      types and applications of such technology, the Sec-  
13      retary shall—

14           “(A) develop, within 12 months of the date  
15      of enactment of the Elementary and Secondary  
16      Education Amendments of 1999, a strategy for  
17      an ongoing evaluation of existing and antici-  
18      pated future uses of educational technology;  
19      and

20           “(B) carry out such an evaluation.

21       “(2) ACTIVITIES AUTHORIZED.—From the  
22      funds reserved under subsection (b), the Secretary  
23      may—

1 “(A) conduct long-term controlled studies  
2 on the effectiveness of the uses of educational  
3 technology;

4 “(B) convene panels of experts to—

5 “(i) identify uses of educational tech-  
6 nology that hold the greatest promise for  
7 improving teaching and learning;

8 “(ii) assist the Secretary with the re-  
9 view and assessment of the progress and  
10 effectiveness of projects that are funded  
11 under this title; and

12 “(iii) identify barriers to the commer-  
13 cial development of effective, high-quality,  
14 cost-competitive educational technology  
15 and software;

16 “(C) conduct evaluations and applied re-  
17 search studies that examine—

18 “(i) how students learn using edu-  
19 cational technology, whether singly or in  
20 groups, and across age groups, student  
21 populations (including students with spe-  
22 cial needs, such as students with limited  
23 English proficiency and students with dis-  
24 abilities) and settings; and

1 “(ii) the characteristics of classrooms  
2 and other educational settings that use  
3 educational technology effectively;

4 “(D) collaborate with other Federal agen-  
5 cies that support research on, and evaluation  
6 of, the use of network technology in educational  
7 settings; and

8 “(E) carry out such other activities as the  
9 Secretary determines appropriate.

10 “(b) AVAILABILITY OF TITLE III FUNDS FOR EVAL-  
11 UATION.—Notwithstanding any other provision of this  
12 title, the Secretary may use up to 4 percent of the funds  
13 appropriated to carry out this title for any fiscal year to  
14 carry out the activities described in subsection (a) for that  
15 fiscal year.”; and

16 (3) by inserting after section 3103 (as redesign-  
17 nated by paragraph (1)) the following:

18 **“SEC. 3104. AUTHORIZATION OF APPROPRIATIONS.**

19 “For purposes of carrying out this part, there are au-  
20 thorized to be appropriated such sums as may be nec-  
21 essary for fiscal year 2001 and for each of the 4 suc-  
22 ceeding fiscal years.”.

## 1     **TITLE II—SPECIAL PROJECTS**

### 2     **SEC. 201. REPEALS; REDESIGNATIONS; NEW PART.**

3         (a) REPEALS.—Parts B and E of title III (20 U.S.C.  
4     6891 et seq. and 6871 et seq.) are repealed.

5         (b) REDESIGNATIONS.—Title III (20 U.S.C. 6801 et  
6     seq.) is amended—

7             (1) by redesignating parts C and D as subparts  
8     2 and 3, respectively; and

9             (2) by redesignating sections 3301, 3302, 3303,  
10     3304, 3305, 3306, 3307, 3308, 3401, 3402, and  
11     3403 as sections 3221, 3222, 3223, 3224, 3225,  
12     3226, 3227, 3228, 3231, 3232, and 3233, respec-  
13     tively.

14         (c) NEW PART.—Title III (20 U.S.C. 6801 et seq.)  
15     is amended by inserting after section 3104 (as added by  
16     section 101(c)(3)) the following:

17                     “PART B—SPECIAL PROJECTS

18             “Subpart 1—Next-Generation Technology Innovation

19                             Awards

### 20     **“SEC. 3211. PURPOSE; PROGRAM AUTHORITY.**

21             “(a) PURPOSE.—It is the purpose of this subpart  
22     to—

23                     “(1) expand the knowledge base about the use  
24     of the next generation of advanced computers and

1 telecommunications in delivering new applications  
2 for teaching and learning;

3 “(2) address questions of national significance  
4 about the next generation of technology and its use  
5 to improve teaching and learning; and

6 “(3) develop, for wide-scale adoption by State  
7 educational agencies and local educational agencies,  
8 models of innovative and effective applications of  
9 technology to teaching and learning, such as high  
10 quality video, voice recognition devices, modeling and  
11 simulation software (particularly web-based software  
12 and intelligent tutoring), hand-held devices, and vir-  
13 tual reality and wireless technologies, that are  
14 aligned with challenging State academic content and  
15 student performance standards.

16 “(b) PROGRAM AUTHORITY.—

17 “(1) IN GENERAL.—The Secretary is author-  
18 ized, through the Office of Educational Technology,  
19 to award grants, contracts, or cooperative agree-  
20 ments on a competitive basis to eligible applicants in  
21 order to carry out the purposes of this subpart.

22 “(2) PERIOD OF AWARD.—The Secretary may  
23 award grants, contracts, or cooperative agreements  
24 under this subpart for a period of not more than 5  
25 years.

1 **“SEC. 3212. ELIGIBILITY.**

2 “(a) ELIGIBLE APPLICANTS.—In order to receive an  
3 award under this subpart, an applicant shall, subject to  
4 subsection (c)(1), be a consortium that includes—

5 “(1) at least 1 State educational agency or local  
6 educational agency; and

7 “(2) at least 1 institution of higher education,  
8 for-profit business, museum, library, or other public  
9 or private entity with a particular expertise that  
10 would assist in carrying out the purposes of this  
11 subpart.

12 “(b) APPLICATION REQUIREMENTS.—In order to re-  
13 ceive an award under this subpart, an eligible applicant  
14 shall submit an application to the Secretary at such time,  
15 and containing such information, as the Secretary may re-  
16 quire. Such application shall include—

17 “(1) a description of the proposed project, and  
18 how it would carry out the purposes of this subpart;  
19 and

20 “(2) a detailed plan for the independent evalua-  
21 tion of the project, which shall include benchmarks  
22 to monitor progress toward specific project objec-  
23 tives.

24 “(c) PRIORITIES.—In making awards under this sub-  
25 part, the Secretary may establish 1 or more priorities con-  
26 sistent with the objectives of this subpart, including:



1           “(1) A priority for applicants, the members of  
2           which are 1 or more of the particular types de-  
3           scribed in subsection (a)(2).

4           “(2) A priority for projects that develop innova-  
5           tive models of effective use of educational tech-  
6           nology, including the development of distance learn-  
7           ing networks, software (including software deliver-  
8           able through the Internet), and online-learning re-  
9           sources.

10          “(3) A priority for projects serving more than  
11          1 State and involving large-scale innovations in the  
12          use of technology in education.

13          “(4) A priority for projects that develop innova-  
14          tive models that serve traditionally underserved pop-  
15          ulations, including low-income students, students  
16          with disabilities, and students with limited English  
17          proficiency.

18          “(5) A priority for projects in which applicants  
19          provide substantial financial and other resources to  
20          achieve the goals of the project.

21          “(6) A priority for projects that develop innova-  
22          tive models for using electronic networks to provide  
23          challenging courses, such as Advanced Placement  
24          courses.

1 **“SEC. 3213. USES OF FUNDS.**

2 “A recipient shall use funds awarded under this sub-  
3 part to—

4 “(1) develop new applications of educational  
5 technologies and telecommunications to support  
6 school reform efforts, such as wireless and web-  
7 based telecommunications, hand-held devices, web-  
8 based learning resources, distributed learning envi-  
9 ronments (including distance learning networks),  
10 and the development of educational software and  
11 other applications; and

12 “(2) carry out other activities consistent with  
13 the purposes of this subpart, such as—

14 “(A) developing innovative models for im-  
15 proving teachers’ ability to integrate technology  
16 effectively into course curriculum, through sus-  
17 tained and intensive, high-quality professional  
18 development;

19 “(B) developing high-quality, standards-  
20 based, digital content, including multimedia  
21 software, digital video, and web-based re-  
22 sources, such as—

23 “(i) new technological formats to fa-  
24 cilitate deeper subject matter under-  
25 standing in particularly challenging learn-  
26 ing environments in areas such as physics,

- 1 foreign language, or Advanced Placement  
2 courses;
- 3 “(ii) computer modeling, visualization,  
4 and simulation tools;
- 5 “(iii) new methods for assessing stu-  
6 dent performance;
- 7 “(iv) web-based and other distance  
8 learning curricula and related materials,  
9 such as interoperable software components;
- 10 “(v) learning-focused digital libraries,  
11 information retrieval systems, and other  
12 designs for supporting broad re-use of  
13 learning content; and
- 14 “(vi) software that supports the devel-  
15 opment, modification, and maintenance of  
16 educational materials;
- 17 “(C) using telecommunications, and other  
18 technologies, to make programs accessible to  
19 students with special needs (such as low-income  
20 students, students with disabilities, students in  
21 remote areas, and students with limited English  
22 proficiency) through such activities as using  
23 technology to support mentoring;

1           “(D) providing classroom and extra-  
2           curricular opportunities for female students to  
3           explore the different uses of technology;

4           “(E) promoting school-family partnerships,  
5           which may include services for adults and fami-  
6           lies, particularly parent education programs  
7           that provide parents with training, information,  
8           and support on how to help their children  
9           achieve to high academic standards;

10          “(F) acquiring connectivity linkages, re-  
11          sources, distance learning networks, and serv-  
12          ices, including hardware and software, as need-  
13          ed to accomplish the goals of the project; and

14          “(G) collaborating with other Department  
15          of Education and Federal information tech-  
16          nology research and development programs.

17 **“SEC. 3214. EVALUATION.**

18        “The Secretary is authorized to—

19           “(1) develop tools and provide resources for re-  
20           cipients of funds under this subpart to evaluate their  
21           activities;

22           “(2) provide technical assistance to assist re-  
23           cipients of funds under this subpart in evaluating  
24           their projects;

1           “(3) conduct independent evaluations of the ac-  
2           tivities assisted under this subpart; and

3           “(4) disseminate findings and methodologies  
4           from evaluations of activities assisted under this  
5           subpart, or other information obtained from such  
6           projects that would promote the design, replication,  
7           or implementation of effective models for evaluating  
8           the impact of educational technology on teaching  
9           and learning.

10 **“SEC. 3215. AUTHORIZATION OF APPROPRIATIONS.**

11           “For purposes of carrying out this subpart, there are  
12           authorized to be appropriated such sums as may be nec-  
13           essary for fiscal year 2001 and for each of the 4 suc-  
14           ceeding fiscal years.”.

15 **SEC. 202. COMMUNITY TECHNOLOGY CENTERS.**

16           Part B of title III (as added by section 201(c)) is  
17           amended by adding after section 3233 the following:

18           “Subpart 4—Community Technology Centers

19 **“SEC. 3241. PURPOSE; PROGRAM AUTHORITY.**

20           “(a) PURPOSE.—It is the purpose of this subpart to  
21           assist eligible applicants to—

22           “(1) create or expand community technology  
23           centers that will provide disadvantaged residents of  
24           economically distressed urban and rural communities

1 with access to information technology and related  
 2 training; and

3 “(2) provide technical assistance and support to  
 4 community technology centers.

5 “(b) PROGRAM AUTHORITY.—

6 “(1) IN GENERAL.—The Secretary is author-  
 7 ized, through the Office of Educational Technology,  
 8 to award grants, contracts, or cooperative agree-  
 9 ments on a competitive basis to eligible applicants in  
 10 order to assist them in—

11 “(A) creating or expanding community  
 12 technology centers; or

13 “(B) providing technical assistance and  
 14 support to community technology centers.

15 “(2) PERIOD OF AWARD.—The Secretary may  
 16 award grants, contracts, or cooperative agreements  
 17 under this subpart for a period of not more than 3  
 18 years.

19 **“SEC. 3242. ELIGIBILITY AND APPLICATION REQUIRE-**  
 20 **MENTS.**

21 “(a) ELIGIBLE APPLICANTS.—In order to be eligible  
 22 to receive an award under this subpart, an applicant  
 23 shall—

24 “(1) have the capacity to expand significantly  
 25 access to computers and related services for dis-

1        advantaged residents of economically distressed  
2        urban and rural communities (who would otherwise  
3        be denied such access); and

4            “(2) be—

5                    “(A) an entity such as a foundation, mu-  
6                    seum, library, for-profit business, public or pri-  
7                    vate nonprofit organization, or community-  
8                    based organization;

9                    “(B) an institution of higher education;

10                   “(C) a State educational agency;

11                   “(D) a local education agency; or

12                   “(E) a consortium of entities described in  
13                   subparagraphs (A), (B), (C), or (D).

14        “(b) APPLICATION REQUIREMENTS.—In order to re-  
15        ceive an award under this subpart, an eligible applicant  
16        shall submit an application to the Secretary at such time,  
17        and containing such information, as the Secretary may re-  
18        quire. Such application shall include—

19                   “(1) a description of the proposed project, in-  
20                   cluding a description of the magnitude of the need  
21                   for the services and how the project would expand  
22                   access to information technology and related services  
23                   to disadvantaged residents of an economically dis-  
24                   tressed urban or rural community;

25                   “(2) a demonstration of—

1           “(A) the commitment, including the finan-  
2           cial commitment, of entities such as institu-  
3           tions, organizations, business and other groups  
4           in the community that will provide support for  
5           the creation, expansion, and continuation of the  
6           proposed project; and

7           “(B) the extent to which the proposed  
8           project establishes linkages with other appro-  
9           priate agencies, efforts, and organizations pro-  
10          viding services to disadvantaged residents of an  
11          economically distressed urban or rural commu-  
12          nity;

13          “(3) a description of how the proposed project  
14          would be sustained once the Federal funds awarded  
15          under this subpart end; and

16          “(4) a plan for the evaluation of the program,  
17          which shall include benchmarks to monitor progress  
18          toward specific project objectives.

19          “(c) MATCHING REQUIREMENTS.—The Federal  
20          share of the cost of any project funded under this subpart  
21          shall not exceed 50 percent. The non-Federal share of  
22          such project may be in cash or in kind, fairly evaluated,  
23          including services.



1 **“SEC. 3244. USES OF FUNDS.**

2 “(a) REQUIRED USES.—A recipient shall use funds  
3 under this subpart for—

4 “(1) creating or expanding community tech-  
5 nology centers that expand access to information  
6 technology and related training for disadvantaged  
7 residents of distressed urban or rural communities;  
8 and

9 “(2) evaluating the effectiveness of the project.

10 “(b) PERMISSIBLE USES.—A recipient may use funds  
11 under this subpart for activities, described in its applica-  
12 tion, that carry out the purposes of this subpart, such  
13 as—

14 “(1) supporting a center coordinator, and staff,  
15 to supervise instruction and build community part-  
16 nerships;

17 “(2) acquiring equipment, networking capabili-  
18 ties, and infrastructure to carry out the project; and

19 “(3) developing and providing services and ac-  
20 tivities for community residents that provide access  
21 to computers, information technology, and the use of  
22 such technology in support of pre-school preparation,  
23 academic achievement, lifelong learning, and work-  
24 force development, such as the following:

25 “(A) After-school activities in which chil-  
26 dren and youths use software that provides aca-

1           demic enrichment and assistance with home-  
 2           work, develop their technical skills, explore the  
 3           Internet, and participate in multimedia activi-  
 4           ties, including web page design and creation.

5           “(B) Adult education and family literacy  
 6           activities through technology and the Internet,  
 7           including—

8                   “(i) General Education Development,  
 9                   English as a Second Language, and adult  
 10                  basic education classes or programs;

11                   “(ii) introduction to computers;

12                   “(iii) intergenerational activities; and

13                   “(iv) lifelong learning opportunities.

14           “(C) Career development and job prepara-  
 15           tion activities, such as—

16                   “(i) training in basic and advanced  
 17                  computer skills;

18                   “(ii) resume writing workshops; and

19                   “(iii) access to databases of employ-  
 20                  ment opportunities, career information,  
 21                  and other online materials.

22           “(D) Small business activities, such as—

23                   “(i) computer-based training for basic  
 24                  entrepreneurial skills and electronic com-  
 25                  merce; and

1 “(ii) access to information on business  
 2 start-up programs that is available online,  
 3 or from other sources.

4 “(E) Activities that provide home access to  
 5 computers and technology, such as assistance  
 6 and services to promote the acquisition, instal-  
 7 lation, and use of information technology in the  
 8 home through low-cost solutions such as  
 9 networked computers, web-based television de-  
 10 vices, and other technology.

11 **“SEC. 3244. AUTHORIZATION OF APPROPRIATIONS.**

12 “For purposes of carrying out this subpart, there are  
 13 authorized to be appropriated such sums as may be nec-  
 14 essary for fiscal year 2001 and for each of the 4 suc-  
 15 ceeding fiscal years.”.

16 **TITLE III—TECHNOLOGY**  
 17 **TRAINING FOR TEACHERS**

18 **SEC. 301. TECHNOLOGY TRAINING FOR TEACHERS**

19 (a) IN GENERAL.—Title III (20 U.S.C. 6801 et seq.)  
 20 is amended by inserting after part B the following:

21 **“PART C—TECHNOLOGY TRAINING FOR TEACHERS**

22 **“SEC. 3301. FINDINGS.**

23 “Congress makes the following findings:

24 “(1) The Nation’s Governors and Congress  
 25 have endorsed a set of National Education Goals

1       which include the preparation of teachers in the use  
2       of emerging technologies.

3           “(2) Research has shown that elementary and  
4       secondary school students have expanded learning  
5       opportunities if various forms of educational tech-  
6       nology are made available to the students.

7           “(3) Employers have pointed out the need for  
8       graduates who are familiar and comfortable with  
9       computers, networks, and other forms of technology.  
10      Tens of thousands of high technology jobs are un-  
11      filled and will remain vacant unless educational tech-  
12      nology is incorporated into classrooms.

13          “(4) Lack of computers in schools and lack of  
14      connectivity to the information superhighway are no  
15      longer the principal obstacles to the use of tech-  
16      nology in classrooms. The obstacles are being over-  
17      come, in part, with support provided by the Depart-  
18      ment of Education, the National Science Founda-  
19      tion, the Department of Commerce, and other Fed-  
20      eral departments and agencies, and through provi-  
21      sions in the Telecommunications Act of 1996 (Public  
22      Law 104–104; 110 Stat. 56) that will provide  
23      schools with affordable access to the Nation’s infor-  
24      mation infrastructure.

1           “(5) As access to computers and computer net-  
2           works has become more available, lack of adequate  
3           teacher training in the use of education technology  
4           is becoming the single factor that most limits the  
5           benefits of computer technology accruing to stu-  
6           dents.

7           “(6) The ability of new and inservice teachers  
8           to use technology in the classroom is strongly influ-  
9           enced by several stakeholders, including schools of  
10          education that are approved by a State to train new  
11          teachers, State educational agencies that will license  
12          new teachers, school districts that hire licensed  
13          teachers and provide for the teachers’ ongoing pro-  
14          fessional development, and the private sector that  
15          develops and markets educational technology. Co-  
16          operation and collaboration among the stakeholders  
17          will provide benefits to teachers, students, and the  
18          community through the improved use of educational  
19          technology in schools and classrooms.

20          “(7) Estimates show that 2,000,000 new teach-  
21          ers must enter the teaching profession by 2007 to  
22          accommodate expanding enrollment and to replace  
23          retiring teachers. The need to prepare the new  
24          teachers for the 21st century classroom represents a  
25          significant challenge to schools of education.

1           “(8) According to a 1997 study, only 10 per-  
2           cent of new teachers reported that the teachers felt  
3           prepared to use technology in their classrooms, re-  
4           flecting inadequate training in the use of classroom  
5           educational technology during their undergraduate  
6           preparation.

7           “(9) There is no national standard for the ca-  
8           pabilities of teachers in the use of emerging tech-  
9           nologies, though several voluntary standards have  
10          been developed by the National Council for Accredi-  
11          tation of Teacher Education (NCATE), and are  
12          being developed by the Interstate New Teacher As-  
13          sessment and Support Consortium (INTASC) and  
14          the National Board for Professional Teaching  
15          Standards (NBPTS).

16          “(10) Licensure of new teachers is at the dis-  
17          cretion of the States and mastery of education tech-  
18          nology is not a universal performance standard in  
19          State requirements for the licensing of new teachers.  
20          Eighteen States do not require applicants for a  
21          teaching license to have any technology training.  
22          Thirty-two other States require a course or some  
23          equivalent experience in educational technology.

24          “(11) Training for teachers in the use of edu-  
25          cational technology is inadequate because it is only

1       one of many important areas in which teachers need  
2       ongoing professional development. As a result of this  
3       competition for limited professional development  
4       support, only 15 percent of the Nation's teachers  
5       have had 9 hours or more of training in 1994 in how  
6       to use educational technology. Washington and Ken-  
7       tucky have shown the most progress on this front,  
8       but only 28 percent of their teachers had 9 hours of  
9       technology training in 1994. Support for training in  
10      educational technology must be ensured in the face  
11      of competition for limited professional development  
12      resources.

13           “(12) Advances in educational hardware and  
14      software are generally much more frequent than are  
15      revisions of professional development courses for in-  
16      service teachers, making it difficult for teachers to  
17      have access to the most recent educational software  
18      and hardware. Private sector developers of edu-  
19      cational technology are most aware of the state-of-  
20      the-art at any moment.

21           “(13) In light of proven value of educational  
22      technology and the many stakeholders seeking to ex-  
23      pand and improve the use of educational technology,  
24      promoting partnerships among the stakeholders is  
25      an appropriate Federal role.

1 **“SEC. 3302. PURPOSE.**

2 “(a) PURPOSE.—

3 “(1) IN GENERAL.—It is the purpose of this  
4 part to enrich the quality of elementary and sec-  
5 ondary education by preparing new and inservice  
6 teachers and enabling inservice teachers to use the  
7 most modern technology as a tool in teaching and  
8 learning, by—

9 “(A) promoting the creation and growth of  
10 partnerships among State educational agencies,  
11 schools of education, local educational agencies,  
12 and the education technology private sector,  
13 with the partnerships being devoted to improv-  
14 ing the ability of new and inservice teachers to  
15 use educational technology in the classroom;

16 “(B) promoting greater non-Federal in-  
17 vestment in technology training for teachers;

18 “(C) increasing the public sharing of infor-  
19 mation by State educational agencies, schools of  
20 education, and local educational agencies, on  
21 the use of educational technology;

22 “(D) encouraging and enabling schools of  
23 education to develop and improve courses in the  
24 use of educational technology as part of the  
25 curriculum offered to students pursuing a  
26 teaching career;



1           “(E) encouraging State educational agen-  
 2           cies to include proficiency in the classroom use  
 3           of educational technology among the require-  
 4           ments for teaching licenses;

5           “(F) stimulating and enabling development  
 6           of new mechanisms for professional develop-  
 7           ment of teachers seeking to increase their abil-  
 8           ity to use technology and to integrate tech-  
 9           nology into the classroom; and

10          “(G) stimulating the creation and develop-  
 11          ment of more rapid-response training opportu-  
 12          nities that will give teachers access to the most  
 13          recent educational software and hardware.

14          “(2) SPECIAL RULE.—It is not the purpose of  
 15          this part to provide Federal support to private sector  
 16          firms wishing to use teacher training as a way to  
 17          represent or sell particular educational technology  
 18          products or services to teachers, schools, or school  
 19          districts.

20   **“SEC. 3303. STATEMENT OF PRINCIPLES.**

21          “‘This part is based on the following principles:

22           “(1) All elementary schools and secondary  
 23           schools in the States, and all elementary schools and  
 24           secondary schools administered by the Bureau of In-  
 25           dian Affairs and the Department of Defense, should

1       have equal access to teachers who are prepared to  
 2       use the most modern technology to improve teaching  
 3       and learning.

4               “(2) Two forces should have the potential to  
 5       motivate schools of education and professional devel-  
 6       opment programs to improve their training and de-  
 7       velopment of teachers to use technology for edu-  
 8       cation. The forces are—

9                       “(A) competition for resources; and

10                      “(B) pressure from stakeholders at the  
 11       State and local levels.

12               “(3) An appropriate Federal role with respect  
 13       to educational technology is to—

14                      “(A) set performance standards;

15                      “(B) provide the greatest resources to  
 16       those meeting the standards;

17                      “(C) enable the poorest performers to  
 18       begin the process of attaining the standards;

19                      “(D) set accountability standards; and

20                      “(E) motivate all performers to be ac-  
 21       countable to their constituent stakeholders.

22   **“SEC. 3304. DEFINITIONS.**

23       In this part:

24               “(1) EDUCATIONAL TECHNOLOGY.—The term  
 25       ‘educational technology’ means computers, computer

1 software, computer networks, digital storage media  
2 such as CD-ROM, interactive video, and other ad-  
3 vanced technologies designed or used to improve  
4 classroom teaching and learning.

5 “(2) ELEMENTARY SCHOOL; SECONDARY  
6 SCHOOL; LOCAL EDUCATIONAL AGENCY; STATE EDU-  
7 CATIONAL AGENCY.—The terms ‘elementary school’,  
8 ‘secondary school’, ‘local educational agency’, and  
9 ‘State educational agency’ have the meanings given  
10 the terms in section 14101.

11 “(3) INSTITUTION OF HIGHER EDUCATION.—  
12 The term ‘institution of higher education’ has the  
13 meaning given the term in section 101 of the Higher  
14 Education Act of 1965 (20 U.S.C. 1001).

15 “(4) LICENSED TEACHER.—The term ‘licensed  
16 teacher’ means an individual who possesses a docu-  
17 ment certifying that the individual has met the re-  
18 quirements of a State for employment as a public  
19 school teacher in the State.

20 “(5) SCHOOL OF EDUCATION.—The term  
21 ‘school of education’ means a school, department, or  
22 other division within an institution of higher edu-  
23 cation that trains individuals to serve as licensed  
24 teachers.

10 “Subpart 1—Educational Technology Training for New  
11 Teachers

13           “From the amount available to carry out this subpart  
14 for a fiscal year, the Secretary shall reserve 5 percent to  
15 enable the Secretary—

20 “(2) to carry out evaluations and studies nec-  
21 essary to monitor and assess the impacts of the as-  
22 sistance provided under this part.

24       “(a) RESERVATION.—From the amount available to  
25   carry out this subpart for each fiscal year and not reserved

1 under section 3311, the Secretary shall reserve not less  
2 than 2 percent of the amount to award grants to the Bu-  
3 reau of Indian Affairs and the Department of Defense on  
4 the basis of their relative need to improve teacher mastery  
5 and use of educational technology at the elementary  
6 schools or secondary schools administered by the Bureau  
7 of Indian Affairs and the Department of Defense, respec-  
8 tively. Applications for the grants shall be subject to re-  
9 view criteria that are based on the review criteria de-  
10 scribed in section 3314(b).

11 “(b) GRANTS.—

12 “(1) IN GENERAL.—From the amount available  
13 to carry out this subpart and not reserved under  
14 section 3311 or subsection (a) for a fiscal year, the  
15 Secretary may award planning or implementation  
16 grants under this section to State educational agen-  
17 cies to improve teacher mastery and use of edu-  
18 cational technology.

19 “(2) AWARD BASIS.—The Secretary shall award  
20 grants under this section on a competitive basis and  
21 pursuant to an application review process that in-  
22 volves the use of experts and takes into consider-  
23 ation the criteria described in section 3314(b).

24 “(c) AMOUNT.—

1           “(1) DETERMINATION OF STATE BASE  
 2           AMOUNT.—The Secretary shall determine the State  
 3           base amount for each State for each fiscal year. The  
 4           State base amount for a State for a fiscal year is  
 5           an amount that bears the same relation to the sum  
 6           of—

7                   “(A) 50 percent of the amount appro-  
 8                   priated under the authority of section 3319 for  
 9                   the fiscal year as the number of individuals in  
 10                  the State for the fiscal year who are age 5  
 11                  through 17, as determined by the Secretary on  
 12                  the basis of the most recent satisfactory data,  
 13                  bears to the number of all such individuals in  
 14                  all States; and

15                  “(B) 50 percent of the amount appro-  
 16                  priated under the authority of section 3319 for  
 17                  the fiscal year as the amount all local edu-  
 18                  cational agencies in the State received under  
 19                  part A for the preceding fiscal year bears to the  
 20                  amount all local educational agencies in all  
 21                  States received under such part for the pre-  
 22                  ceding fiscal year.

23           “(2) MAXIMUM AMOUNTS.—

24                   “(A) PLANNING GRANTS.—The Secretary  
 25                  may award a State educational agency a plan-

1           ning grant for a fiscal year in an amount that  
 2           does not exceed 10 percent of the applicable  
 3           State base amount for the fiscal year.

4           “(B) IMPLEMENTATION GRANTS.—The  
 5           Secretary may award a State educational agen-  
 6           cy an implementation grant for a fiscal year in  
 7           an amount that does not exceed twice the appli-  
 8           cable State base amount for the fiscal year.

9           “(d) DURATION AND RENEWAL.—

10           “(1) PLANNING GRANTS.—The Secretary shall  
 11           award planning grants under this section for a pe-  
 12           riod of 1 fiscal year. The grants may be renewed for  
 13           periods of 1 fiscal year upon reapplication under sec-  
 14           tion 3314.

15           “(2) IMPLEMENTATION GRANTS.—The Sec-  
 16           retary shall award implementation grants under this  
 17           section for a period of not less than 3 fiscal years  
 18           and not more than 5 fiscal years. The grants may  
 19           be renewed for periods of not less than 3 fiscal years  
 20           and not more than 5 fiscal years upon reapplication  
 21           under section 3314.

22           “(e) SPECIAL RULES.—

23           “(1) 1 GRANT REQUIREMENT.—The Secretary  
 24           shall award each State educational agency not more  
 25           than 1 grant under this section for a fiscal year.

1           “(2) PLANNING.—Each State educational agen-  
 2           cy submitting an application for an implementation  
 3           grant for a fiscal year that is denied funding shall  
 4           receive a planning grant from the Secretary for the  
 5           fiscal year after submitting an application for the  
 6           planning grant that the Secretary approves.

7           “(f) MATCHING FUNDS.—

8           “(1) IN GENERAL.—In order to receive a grant  
 9           under this section a State educational agency shall  
 10          include in the application submitted under section  
 11          3314 an assurance that, with respect to the costs to  
 12          be incurred by the State educational agency in car-  
 13          rying out the activities for which the grant is award-  
 14          ed, the State educational agency will provide match-  
 15          ing funds from non-Federal sources in an amount  
 16          equal to the amount received under the grant.

17          “(2) NON-FEDERAL FUNDS.—Non-Federal  
 18          funds provided pursuant to paragraph (1) may be in  
 19          cash or in kind, including plant, equipment or serv-  
 20          ices.

21          “(g) DIRECT GRANTS TO SCHOOLS FOR EDU-  
 22          CATION.—

23          “(1) IN GENERAL.—If a State educational  
 24          agency does not receive a grant under this subpart



1 for a fiscal year then the Secretary may award  
 2 grants to schools of education in the State.

3 “(2) MAXIMUM AMOUNT.—The total amount of  
 4 all grants awarded to schools of education within a  
 5 State under paragraph (1) for a fiscal year shall not  
 6 exceed the State base amount determined under sub-  
 7 section (c) for the State for the fiscal year.

8 “(3) APPLICATION.—Each school of education  
 9 desiring a grant under paragraph (1) shall submit  
 10 an application to the Secretary at such time, in such  
 11 manner, and accompanied by such information as  
 12 the Secretary may require.

13 **“SEC. 3313. STATE USE OF FUNDS.**

14 “Each State educational agency receiving a grant  
 15 under this subpart for a fiscal year—

16 “(1) may use not more than 10 percent of the  
 17 grant funds for State activities that the State edu-  
 18 cational agency determines carry out the purposes of  
 19 this subpart; and

20 “(2) shall use not less than 90 percent of the  
 21 grant funds to award grants to schools of education  
 22 pursuant to section 3315.

23 **“SEC. 3314. STATE APPLICATIONS; REVIEW CRITERIA.**

24 “(a) STATE APPLICATIONS.—Each State educational  
 25 agency desiring a grant under this subpart shall submit

1 an application to the Secretary at such time, in such man-  
2 ner, and accompanied by such information, as the Sec-  
3 retary may require.

4 “(b) REVIEW CRITERIA.—The Secretary, with the as-  
5 sistance of experts representing education organizations,  
6 shall review applications from State educational agencies  
7 for grants under this subpart on the basis of the following  
8 criteria:

9 “(1) AVAILABILITY OF EDUCATIONAL TECH-  
10 NOLOGY INFORMATION.—The degree to which a  
11 State educational agency has made, or plans to  
12 make, the public aware of the extent to which edu-  
13 cational technology is used in elementary schools  
14 and secondary schools in the State. Factors relevant  
15 to the extent may include—

16 “(A) the amount of training and teaching  
17 experience in the classroom use of educational  
18 technology that is required to become a licensed  
19 teacher in the State;

20 “(B) the amount of training and teaching  
21 experience in the classroom use of educational  
22 technology that newly licensed teachers in the  
23 State have received;

1           “(C) the yearly investment by the State  
2           educational agency in educational technology  
3           for the classroom;

4           “(D) the percentage of elementary schools  
5           and secondary schools in the State that are con-  
6           nected to the Internet; and

7           “(E) the percentage of elementary school  
8           and secondary school classrooms in the State  
9           that are connected to the Internet.

10          “(2) PLANS FOR IMPROVING THE USE OF EDU-  
11          CATIONAL TECHNOLOGY.—The degree to which a  
12          State educational agency—

13               “(A) has established or plans to establish  
14               high standards for experience in the use of edu-  
15               cational technology for teacher licensure;

16               “(B) has promoted or plans to promote the  
17               preparation of new teachers in the use of edu-  
18               cational technology; and

19               “(C) has demonstrated or plans to dem-  
20               onstrate leadership in promoting the use of edu-  
21               cational technology to improve classroom in-  
22               struction.

23          **“SEC. 3315. GRANTS TO SCHOOLS OF EDUCATION.**

24               “(a) IN GENERAL.—Each State educational agency  
25          receiving a grant under this subpart shall use the grant

1 funds described in section 3313(2) to award grants to  
2 schools of education to improve teacher mastery and use  
3 of educational technology.

4 “(b) AWARD BASIS.—A State educational agency  
5 shall award grants under this subpart on a competitive  
6 basis and pursuant to an application review process that  
7 involves the use of experts and takes into consideration  
8 the criteria described in section 3316(b).

9 “(c) AMOUNT AND DURATION.—A State educational  
10 agency shall determine the amount and duration of each  
11 grant awarded under this section.

12 “(d) MATCHING FUNDS.—

13 “(1) IN GENERAL.—In order to receive a grant  
14 under this section a school of education shall include  
15 in the application submitted under section 3316 an  
16 assurance that, with respect to the costs to be in-  
17 curred by the school of education in carrying out the  
18 activities for which the grant is awarded, the school  
19 of education will provide matching funds from non-  
20 Federal sources in an amount equal to one-half of  
21 the amount received under the grant.

22 “(2) NON-FEDERAL SHARE.—The non-Federal  
23 funds provided pursuant to paragraph (1) may be in  
24 cash or in kind, fairly evaluated, including plant,  
25 equipment or services.

1 **“SEC. 3316. LOCAL APPLICATIONS; REVIEW CRITERIA.**

2       “(a) LOCAL APPLICATIONS.—Each school of edu-  
3 cation desiring a grant from a State educational agency  
4 under this subpart shall submit an application to the State  
5 educational agency at such time, in such manner, and ac-  
6 companied by such information, as the State educational  
7 agency may require.

8       “(b) CRITERIA.—The State educational agency, with  
9 the assistance of experts representing education organiza-  
10 tions, shall review applications for grants under this sub-  
11 part on the basis of the following criteria:

12           “(1) PUBLIC ACCOUNTABILITY.—The degree to  
13 which a school of education has made, or plans to  
14 make, the public aware of the amount and quality  
15 of instruction in the use of educational technology  
16 being provided in the teacher preparation program  
17 of the school of education. Factors relevant to the  
18 amount and quality may include—

19           “(A) the number of courses offered in the  
20 use of education technology;

21           “(B) the number and types of courses in  
22 the use of educational technology that are re-  
23 quired for graduation from the school of edu-  
24 cation;

25           “(C) the amount and type of teaching ex-  
26 perience in the classroom use of technology that

1 is required for graduation from the school of  
2 education; and

3 “(D) the average number of courses in the  
4 use of educational technology taken by grad-  
5 uates of the school of education in each of the  
6 3 years preceding the year for which the deter-  
7 mination is made.

8 “(2) PLANS FOR IMPROVING THE PREPARATION  
9 OF NEW TEACHERS IN THE USE OF EDUCATIONAL  
10 TECHNOLOGY.—The degree to which a school of  
11 education has incorporated or plans to incorporate  
12 into the undergraduate preparation of teachers the  
13 following:

14 “(A) Expanded instruction in the use of  
15 educational technology.

16 “(B) Partnerships with local educational  
17 agencies to improve teacher preparation in the  
18 use of educational technology.

19 “(C) Partnerships with private sector enti-  
20 ties to improve teacher preparation in the use  
21 of educational technology.

22 “(D) Special efforts to engage underrep-  
23 resented groups in the use of educational tech-  
24 nology.

1   **“SEC. 3317. MAINTENANCE OF EFFORT; SUPPLEMENT NOT**  
2                   **SUPPLANT.**

3           “(a) MAINTENANCE OF EFFORT.—A State edu-  
4   cational agency and a school of education, in utilizing the  
5   grant funds received under this subpart, shall maintain  
6   the expenditures of the State educational agency and  
7   school of education, respectively, for improving teacher  
8   mastery and use of educational technology at a level equal  
9   to not less than the level of expenditures maintained by  
10  the State educational agency and school of education, re-  
11  spectively, for the fiscal year preceding the fiscal year for  
12  which the grant is received.

13          “(b) SUPPLEMENT NOT SUPPLANT.—Funds appro-  
14  priated under the authority of section 3319 shall be used  
15  to supplement and not supplant other Federal, State, and  
16  local public funds expended to improve teacher mastery  
17  and use of educational technology.

18   **“SEC. 3318. ADMINISTRATION.**

19          “The Secretary shall carry out the program author-  
20  ized by this subpart through the Office of Educational  
21  Technology in the Office of the Deputy Secretary of the  
22  Department of Education.

23   **“SEC. 3319. AUTHORIZATION OF APPROPRIATIONS.**

24          “There are authorized to be appropriated to carry out  
25  this subpart \$40,000,000 for fiscal year 2000, and such  
26  sums as may be necessary for fiscal year 2001.

“(a) RESERVATION.—From the amount available to carry out this subpart for a fiscal year, the Secretary shall reserve not less than 2 percent of the amount to award grants to the Bureau of Indian Affairs and the Department of Defense on the basis of their relative need to expand and improve the use of technology by inservice teachers at the elementary schools or secondary schools administered by the Bureau of Indian Affairs and the Department of Defense, respectively. Applications for the grants shall be subject to review criteria that are based on the review criteria described in section 3323(b).

“(1) IN GENERAL.—From the amount available to carry out this subpart and not reserved under subsection (a) for a fiscal year, the Secretary may award planning or implementation grants under this section to State educational agencies to expand and improve the use of technology by inservice teachers.

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1 involves the use of experts and takes into consider-  
 2 ation the criteria described in section 3323(b).

3 “(c) MAXIMUM AMOUNTS.—

4 “(1) PLANNING GRANTS.—The Secretary may  
 5 award a State educational agency a planning grant  
 6 under subsection (a)(1) for a fiscal year in an  
 7 amount that does not exceed 10 percent of the appli-  
 8 cable State base amount for the fiscal year.

9 “(2) IMPLEMENTATION GRANTS.—The Sec-  
 10 retary may award a State educational agency an im-  
 11 plementation grant under subsection (a)(1) for a fis-  
 12 cal year in an amount that does not exceed twice the  
 13 applicable State base amount for the fiscal year.

14 “(3) STATE BASE AMOUNT.—For purposes of  
 15 this subsection, the State base amount for a State  
 16 for a fiscal year shall be determined in the same  
 17 manner as the amount is determined under section  
 18 3312(c)(1), except that subparagraphs (A) and (B)  
 19 of section 3312(c)(1) shall be applied by striking  
 20 ‘section 3319’ each place it appears and inserting  
 21 ‘section 3328’.

22 “(d) DURATION AND RENEWAL.—

23 “(1) PLANNING GRANTS.—The Secretary shall  
 24 award planning grants under this section for a pe-  
 25 riod of 1 fiscal year. The grants may be renewed for

1 periods of 1 fiscal year upon reapplication under sec-  
 2 tion 3323.

3 “(2) IMPLEMENTATION GRANTS.—The Sec-  
 4 retary shall award implementation grants under this  
 5 section for a period of not less than 3 fiscal years  
 6 and not more than 5 fiscal years. The grants may  
 7 be renewed for periods of not less than 3 fiscal years  
 8 and not more than 5 fiscal years upon reapplication  
 9 under section 3323.

10 “(e) SPECIAL RULES.—

11 “(1) 1 GRANT REQUIREMENT.—The Secretary  
 12 shall award each State educational agency not more  
 13 than 1 grant under this section for a fiscal year.

14 “(2) PLANNING.—Each State educational agen-  
 15 cy submitting an application for an implementation  
 16 grant for a fiscal year that is denied funding shall  
 17 receive a planning grant from the Secretary for the  
 18 fiscal year after submitting an application for the  
 19 planning grant that the Secretary approves.

20 “(f) MATCHING FUNDS.—

21 “(1) IN GENERAL.—In order to receive a grant  
 22 under this section a State educational agency shall  
 23 include in the application submitted under section  
 24 3323 an assurance that, with respect to the costs to  
 25 be incurred by the State educational agency in car-

1       rying out the activities for which the grant is award-  
 2       ed, the State educational agency will provide match-  
 3       ing funds from non-Federal sources in an amount  
 4       equal to the amount received under the grant.

5           “(2)   NON-FEDERAL    FUNDS.—Non-Federal  
 6       funds provided pursuant to paragraph (1) may be in  
 7       cash or in kind, including plant, equipment or serv-  
 8       ices.

9           “(g)   DIRECT GRANTS TO LOCAL EDUCATIONAL  
 10      AGENCIES.—

11           “(1)   IN GENERAL.—If a State educational  
 12      agency does not receive a grant under this subpart  
 13      for a fiscal year then the Secretary may award  
 14      grants to local educational agencies in the State.

15           “(2)   MAXIMUM AMOUNT.—The total amount of  
 16      all grants awarded to local educational agencies  
 17      within a State under paragraph (1) shall not exceed  
 18      the State base amount determined under subsection  
 19      (c)(3) for the State for the fiscal year.

20           “(3)   APPLICATION.—Each local educational  
 21      agency desiring a grant under paragraph (1) shall  
 22      submit an application to the Secretary at such time,  
 23      in such manner and accompanied by such informa-  
 24      tion as the Secretary may require.

1 **“SEC. 3322. STATE USE OF FUNDS.**

2 “Each State educational agency receiving a grant  
3 under this subpart for a fiscal year—

4 “(1) may use not more than 10 percent of the  
5 grant funds for State activities that the State edu-  
6 cational agency determines carry out the purposes of  
7 this subpart; and

8 “(2) shall use at least 90 percent of the grant  
9 funds to award grants to local educational agencies  
10 pursuant to section 3324.

11 **“SEC. 3323. STATE APPLICATIONS; REVIEW CRITERIA.**

12 “(a) STATE APPLICATIONS.—Each State educational  
13 agency desiring a grant under this subpart shall submit  
14 an application to the Secretary at such time, in such man-  
15 ner, and accompanied by such information, as the Sec-  
16 retary may require.

17 “(b) REVIEW CRITERIA.—The Secretary, with the as-  
18 sistance of experts representing education organizations,  
19 shall review applications from State educational agencies  
20 for grants under this subpart on the basis of the following  
21 criteria:

22 “(1) AVAILABILITY OF EDUCATIONAL TECH-  
23 NOLOGY INFORMATION.—The degree to which a  
24 State educational agency has made, or plans to  
25 make, the public aware of the extent to which edu-  
26 cational technology is used in elementary schools or

secondary schools in the State. Factors relevant to the extent may include—

“(A) investments made by the State educational agency in the professional development of teachers in the State for improving their mastery and use of educational technology in each of the 3 years preceding the year for which the determination is made;

“(B) State standards for advancement or recertification of teachers that involve educational technology;

“(C) the percentage of teachers in the State receiving a significant professional development experience in the use of education technology in each of the 3 years preceding the year for which the determination is made;

“(D) the percentage of elementary schools and secondary schools in the State that are connected to the Internet; and

“(E) the percentage of elementary school and secondary school classrooms in the State that are connected to the Internet.

“(2) PLANS FOR IMPROVING THE USE OF EDUCATIONAL TECHNOLOGY.—The degree to which a State educational agency—

1           “(A) has established or plans to establish  
2           high standards for inservice professional devel-  
3           opment of teachers in the use of educational  
4           technology;

5           “(B) has provided or plans to provide sup-  
6           port for inservice professional development of  
7           teachers in the use of educational technology;  
8           and

9           “(C) has demonstrated or plans to dem-  
10          onstrate leadership in promoting the use of edu-  
11          cational technology to improve classroom in-  
12          struction.

13   **“SEC. 3324. GRANTS TO LOCAL EDUCATIONAL AGENCIES.**

14          “(a) IN GENERAL.—Each State educational agency  
15   receiving a grant under this subpart shall use the grant  
16   funds described in section 3322(2) to award grants to  
17   local educational agencies in the State to expand and im-  
18   prove the use of technology by inservice teachers.

19          “(b) AWARD BASIS.—A State educational agency  
20   shall award grants under this subpart on a competitive  
21   basis and pursuant to an application review process that  
22   involves the use of experts and takes into consideration  
23   the criteria described in section 3325(b).

1       “(c) AMOUNT AND DURATION.—A State educational  
2 agency shall determine the amount and duration of each  
3 grant awarded under this section.

4       “(d) MATCHING FUNDS.—

5           “(1) IN GENERAL.—In order to receive a grant  
6 under this section a local educational agency shall  
7 include in the application submitted under section  
8 3325 an assurance that, with respect to the costs to  
9 be incurred by the local educational agency in car-  
10 rying out the activities for which the grant is award-  
11 ed, the local educational agency will provide match-  
12 ing funds from non-Federal sources in an amount  
13 equal to one-half of the amount received under the  
14 grant.

15           “(2) NON-FEDERAL SHARE.—The non-Federal  
16 funds provided pursuant to paragraph (1) may be in  
17 cash or in kind, fairly evaluated, including plant,  
18 equipment or services.

19 **“SEC. 3325. LOCAL APPLICATIONS; REVIEW CRITERIA.**

20       “(a) LOCAL APPLICATIONS.—Each local educational  
21 agency desiring a grant from a State educational agency  
22 under this subpart shall submit an application to the State  
23 educational agency at such time, in such manner, and ac-  
24 companied by such information, as the State educational  
25 agency may require.

1       “(b) CRITERIA.—The State educational agency, with  
 2 the assistance of experts representing education organiza-  
 3 tions, shall review applications for grants under this sub-  
 4 part on the basis of the following criteria:

5           “(1) AVAILABILITY OF EDUCATIONAL TECH-  
 6 NOLOGY INFORMATION.—The degree to which the  
 7 local educational agency has made, or plans to make,  
 8 the public aware of the use of modern technology in  
 9 classrooms, and the amount and quality of profes-  
 10 sional development provided to teachers in the use of  
 11 educational technology. Factors relevant to the use,  
 12 amount, and quality may include—

13           “(A) investments made by the local edu-  
 14 cational agency in the professional development  
 15 of teachers for improving their mastery and use  
 16 of educational technology in each of the 3 years  
 17 preceding the year for which the determination  
 18 is made;

19           “(B) local standards for advancement or  
 20 recertification of teachers that involve edu-  
 21 cational technology;

22           “(C) the percentage of teachers in the local  
 23 educational agency receiving a significant pro-  
 24 fessional development experience in the use of  
 25 education technology in each of the 3 years pre-



1 ceding the year for which the determination is  
 2 made;

3 “(D) the percentage of elementary schools  
 4 and secondary schools served by the local edu-  
 5 cational agency that are connected to the Inter-  
 6 net; and

7 “(E) the percentage of elementary school  
 8 and secondary school classrooms served by the  
 9 local educational agency that are connected to  
 10 the Internet.

11 “(2) PLANS FOR IMPROVING THE PREPARATION  
 12 OF NEW TEACHERS IN THE USE OF EDUCATIONAL  
 13 TECHNOLOGY.—The degree to which a local edu-  
 14 cational agency has developed or plans to develop  
 15 the following:

16 “(A) Higher standards for regular profes-  
 17 sional development of teachers in the use of  
 18 educational technology.

19 “(B) Expanded opportunities for regular  
 20 professional development experiences for teach-  
 21 ers in the use of educational technology.

22 “(C) Effective partnerships among the  
 23 local educational agency, the schools served by  
 24 the local educational agency, and other organi-  
 25 zations committed to improving professional de-

1           velopment for teachers in the use of educational  
2           technology.

3           “(D) An appropriate commitment to and  
4           investment in the professional development of  
5           teachers in the use of educational technology.

6           “(E) Special efforts to provide minority  
7           teachers and teachers in schools with high mi-  
8           nority student enrollments with access to pro-  
9           fessional development opportunities in edu-  
10          cational technology.

11          “(F) Innovative approaches by partner-  
12          ships described in subparagraph (C) to provide  
13          professional development experiences for teach-  
14          ers in the use of educational technology that  
15          address—

16               “(i) the need for resident technical ex-  
17               pertise in every elementary school and sec-  
18               ondary school served by the local edu-  
19               cational agency;

20               “(ii) the need for professional develop-  
21               ment opportunities for all teachers in an  
22               elementary school or secondary school  
23               served by the local educational agency;

24               “(iii) the need for ongoing technical  
25               support for all teachers in an elementary

1 school or secondary school served by the  
2 local educational agency;

3 “(iv) the need for rapid responses that  
4 provide timely professional development op-  
5 portunities following major technological  
6 developments affecting education; and

7 “(v) the need for stable sources of  
8 adequate support for professional develop-  
9 ment.

10 **“SEC. 3326. MAINTENANCE OF EFFORT; SUPPLEMENT NOT**  
11 **SUPPLANT.**

12 “(a) MAINTENANCE OF EFFORT.—A State edu-  
13 cational agency and a local educational agency, in utilizing  
14 the grant funds received under this subpart, shall main-  
15 tain the expenditures of the State educational agency and  
16 local educational agency, respectively, for expanding and  
17 improving the use of technology by inservice teachers at  
18 a level equal to not less than the level of expenditures  
19 maintained by the State educational agency and local edu-  
20 cational agency, respectively, for the fiscal year preceding  
21 the fiscal year for which the grant is received.

22 “(b) SUPPLEMENT NOT SUPPLANT.—Funds appro-  
23 priated under the authority of section 3328 shall be used  
24 to supplement and not supplant other Federal, State, and

1 local public funds expended to expand and improve the  
 2 use of technology by inservice teachers.

3 **“SEC. 3327. ADMINISTRATION; PARTICIPATION OF PRIVATE**  
 4 **SCHOOL TEACHERS.**

5 “(a) ADMINISTRATION.—The Secretary shall carry  
 6 out the program authorized by this subpart through the  
 7 Office of Educational Technology in the Office of the Dep-  
 8 uty Secretary of the Department of Education.

9 “(b) PARTICIPATION OF PRIVATE SCHOOL TEACH-  
 10 ERS.—Private school teachers seeking to participate in ac-  
 11 tivities under this part shall be eligible for such partici-  
 12 pation in the same manner and to the same extent as private  
 13 school teachers are eligible to participate in activities  
 14 under this Act.

15 **“SEC. 3328. AUTHORIZATION OF APPROPRIATIONS.**

16 “There are authorized to be appropriated to carry out  
 17 this subpart \$40,000,000 for fiscal year 2000, and such  
 18 sums as may be necessary for fiscal year 2001.”.

19 **SEC. 302. TEACHER TECHNOLOGY TRAINING.**

20 (a) STATEMENT OF PURPOSE FOR TITLE I.—Section  
 21 1001(d)(4) (20 U.S.C. 6301(d)(4)) is amended by insert-  
 22 ing “, giving attention to the role technology can play in  
 23 professional development and improved teaching and  
 24 learning” before the semicolon.

1 (b) SCHOOL IMPROVEMENT.—Section 1116(c)(3) (20  
 2 U.S.C. 6317(c)(3)) is amended by adding at the end the  
 3 following:

4 “(D) In carrying out professional development  
 5 under this paragraph a school shall give attention to  
 6 professional development that incorporates tech-  
 7 nology used to improve teaching and learning.”.

8 (c) PROFESSIONAL DEVELOPMENT.—Section  
 9 1119(b) (20 U.S.C. 6320(b)) is amended—

10 (1) in paragraph (1)—

11 (A) in subparagraph (D), by striking  
 12 “and” after the semicolon;

13 (B) in subparagraph (E), by striking the  
 14 period and inserting “; and”; and

15 (C) by adding at the end the following:

16 “(F) include instruction in the use of tech-  
 17 nology.”; and

18 (2) in paragraph (2)—

19 (A) by striking subparagraph (D); and

20 (B) by redesignating subparagraphs (E)  
 21 through (I) as subparagraphs (D) through (H),  
 22 respectively.

23 (d) PURPOSES FOR TITLE II.—Section 2002(2) (20  
 24 U.S.C. 6602(2)) is amended—

1           (1) in subparagraph (E), by striking “and”  
2       after the semicolon;

3           (2) in subparagraph (F), by striking the period  
4       and inserting “; and”; and

5           (3) by adding at the end the following:

6                   “(G) uses technology to enhance the teach-  
7           ing and learning process.”.

8       (e) NATIONAL TEACHER TRAINING PROJECT.—Sec-  
9       tion 2103(b)(2) (20 U.S.C. 6623(b)(2)) is amended by  
10      adding at the end the following:

11                   “(J) Technology.”.

12       (f) LOCAL PLAN FOR IMPROVING TEACHING AND  
13       LEARNING.—Section 2208(d)(1)(F) (20 U.S.C.  
14       6648(d)(1)(F)) is amended by inserting “, technologies,”  
15      after “strategies”.

16       (g) AUTHORIZED ACTIVITIES.—Section  
17       2210(b)(2)(C) (20 U.S.C. 6650(b)(2)(C)) is amended by  
18       striking “and practices” and inserting “practices, and  
19       technology”.

20       (h) HIGHER EDUCATION ACTIVITIES.—Section  
21       2211(a)(1)(C) (20 U.S.C. 6651(a)(1)(C)) is amended by  
22       inserting “, including technological innovation,” after “in-  
23       novation”.

1       **TITLE IV—MISCELLANEOUS**  
2                   **PROVISIONS**

3   **SEC. 401. NEW PART.**

4       (a) IN GENERAL.—Title III (20 U.S.C. 6801 et seq.)  
5 is amended by adding at the end the following:

6           “PART D—REGIONAL, STATE, AND LOCAL  
7           EDUCATIONAL TECHNOLOGY RESOURCES

8       “Subpart 1—Technology Literacy Challenge Fund

9   **“SEC. 3411. PURPOSE.**

10       “It is the purpose of this subpart to increase the ca-  
11   pacity of State and local educational agencies to improve  
12   student achievement, particularly that of students in high-  
13   poverty, low-performing schools, by supporting State and  
14   local efforts that—

15           “(1) make effective use of new technologies and  
16       technology applications, networks, and electronic  
17       learning resources;

18           “(2) utilize research-based teaching practices  
19       that are linked to advanced technologies; and

20           “(3) promote sustained and intensive, high-  
21       quality professional development that increases  
22       teacher capacity to create improved learning environ-  
23       ments through the integration of educational tech-  
24       nology into instruction.”.

1 (b) REDESIGNATIONS.—Sections 3131, 3132, 3133,  
 2 3134, and 3135 (20 U.S.C. 6841, 6842, 6843, 6844, and  
 3 6845) are redesignated as sections 3412, 3413, 3414,  
 4 3415, and 3416, respectively.

5 (c) DEFINITIONS; AUTHORIZATION OF APPROPRIA-  
 6 TIONS.—

7 (1) DEFINITIONS.—Title III (20 U.S.C. 6801  
 8 et seq.) is amended by adding after section 3416 (as  
 9 redesignated by subsection (b)) the following:

10 **“SEC. 3417. DEFINITIONS.**

11 “In this subpart—

12 “(1) the term ‘eligible local applicant’ means—

13 “(A) a local educational agency that, as  
 14 determined by the State educational agency,—

15 “(i) is among the local educational  
 16 agencies in the State with the highest  
 17 numbers or percentages of children from  
 18 households living in poverty;

19 “(ii) includes one or more low-per-  
 20 forming schools; and

21 “(iii) has a substantial need for as-  
 22 sistance in acquiring and using technology;  
 23 or

24 “(B) a partnership that includes at least  
 25 one local educational agency that meets the re-



1           quirements of subparagraph (A) and at least  
2           one—

3                   “(i) local educational agency that can  
4                   demonstrate that teachers in schools  
5                   served by that agency are using technology  
6                   effectively in their classrooms;

7                   “(ii) institution of higher education;

8                   “(iii) for-profit organization that de-  
9                   velops, designs, manufactures, or produces  
10                  technology products or services, or has  
11                  substantial expertise in the application of  
12                  technology; or

13                  “(iv) public or private non-profit orga-  
14                  nization with demonstrated experience in  
15                  the application of educational technology;  
16                  and

17           “(2) the term ‘low-performing school’ means a  
18           school—

19                   “(A) identified by the local educational  
20                   agency for school improvement under section  
21                   1116(c) of this Act; or

22                   “(B) in which a substantial majority of  
23                   students fail to meet State performance stand-  
24                   ards based on State or local assessments that  
25                   are aligned to the performance standards.

1 **“SEC. 3418. AUTHORIZATION OF APPROPRIATIONS.**

2 “For purposes of carrying out this subpart, there are  
3 authorized to be appropriated such sums as may be nec-  
4 essary for fiscal year 2001 and for each of the four suc-  
5 ceeding fiscal years.”.

6 **SEC. 402. CONFORMING AND OTHER AMENDMENTS.**

7 (a) REPEALS.—Sections 3136 and 3137 (20 U.S.C.  
8 6846 and 6847) are repealed.

9 (b) CONFORMING AMENDMENTS.—Title III (20  
10 U.S.C. 6801 et seq.) is amended—

11 (1) in section 3221(a) (as redesignated by sec-  
12 tion 201(b)(2)) by striking “section 3302(b)” and  
13 inserting “section 3222(b)”;

14 (2) in section 3223(2) (as redesignated by sec-  
15 tion 201(b)(2)) by striking “part” each place it ap-  
16 pears and inserting “subpart”;

17 (3) in section 3224 (as redesignated by section  
18 201(b)(2)) by striking “section 3301 or 3303” and  
19 inserting “section 3221 or 3223”;

20 (4) in section 3225 (as redesignated by section  
21 201(b)(2))—

22 (A) in subsection (a), by striking “section  
23 3201” and inserting “section 3221”; and

24 (B) in subsection (b)—

1 (i) in paragraph (1), by striking “sec-  
 2 tion 3302(a); and” and inserting “section  
 3 3222(a); and”; and

4 (ii) in paragraph (2), by striking “sec-  
 5 tion 3303(3),” and inserting “section  
 6 3223(3),”;

7 (5) in section 3226 (as redesignated by section  
 8 201(b)(2)) by striking “section 3302,” and inserting  
 9 “section 3222,”;

10 (6) in section 3228 (as redesignated by section  
 11 201(b)(2))—

12 (A) in subsection (a)—

13 (i) by striking “part, \$30,000,000 for  
 14 fiscal year 1995, and such sums as may be  
 15 necessary” and inserting “subpart, such  
 16 sums as may be necessary for fiscal year  
 17 2001 and”; and

18 (ii) by striking “section 3302.” and  
 19 inserting “section 3222”; and

20 (B) in subsection (b), by striking “section  
 21 3303(1)(C).” and inserting “section  
 22 3223(1)(C).”;

23 (7) in section 3232(a) (as redesignated by sec-  
 24 tion 201(b)(2)) in the matter preceding paragraph  
 25 (1), by striking “part” and inserting “subpart”;

1           (8) in section 3233 (as redesignated by section  
 2           201(b)(2)) by striking out “ \$5,000,000 for the fis-  
 3           cal year 1995, and such sums as may be necessary”  
 4           and inserting “subpart, such sums as may be nec-  
 5           essary for fiscal year 2001 and”;

6           (9) in section 3412(a) (as redesignated by sec-  
 7           tion 401(b))—

8                   (A) in paragraph (1), by striking “section  
 9                   3114(a)(1)(C)” and inserting “section 3418”;  
 10                  and

11                  (B) in paragraph (2), by striking “section  
 12                  3115(a)(1)(C)” and inserting “section 3418”;

13           (10) in section 3413 (as redesignated by section  
 14           401(b))—

15                   (A) in subsection (a)(1)—

16                           (i) by striking “section 3131,” and in-  
 17                           serting “section 3412”; and

18                           (ii) by striking “section 3133.” and  
 19                           inserting “section 3414.”; and

20                   (B) in subsection (b)(1)(B), by striking  
 21                   “section 3133;” and inserting “section 3414;”.

○